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CURRICULUM VITAE

JOSHUA GOH OON SOO

National Institute on Aging
Biomedical Research Center
Laboratory of Behavioral Neuroscience
251 Bayview Boulevard
Suite 100, Rm 4B316
Baltimore, MD 21224-6825
USA

1 410 558 8654 (office)

1 217 778 9394 (mobile)

Email: joshua.goh@nih.gov

EDUCATION

1. University of Illinois at Urbana-Champaign (Fall 2005-Summer 2009), Doctor of Philosophy in Psychology.
2. National University of Singapore (2002), Bachelor of Social Science with Honors (2nd Upper) in Psychology.
3. University of Texas at Austin (Fall 1999), exchange program, majored in Psychology and Linguistics.
4. National University of Singapore (1998-2001), majored in Psychology and English Language, minored in Philosophy, Bachelor of Social Sciences 2001.

EMPLOYMENT

1. Post-doctoral visiting research fellow at the National Institute on Aging (current), Supervised by Susan Resnick.
2. Post-doctoral research associate at the Center for Vital Longevity, University of Texas at Dallas (2009-2010), Supervised by Denise C. Park.
3. Post-doctoral research associate at the Beckman Institute, University of Illinois at Urbana-Champaign (2009-2010), Supervised by Bradley P. Sutton.
4. Graduate teaching assistant, Psychology Department, University of Illinois at Urbana-Champaign (Fall, 2008).
5. Graduate research assistant, Productive Aging Lab, University of Illinois at Urbana-Champaign (2005-2009).
6. Research coordinator at Singapore General Hospital, Cognitive Neuroscience Laboratory (2001-2005).
7. Part-time research coordinator at Singapore General Hospital, Cognitive Neuroscience Laboratory (2001).
8. Part-time research assistant at NUS Department of Geography (2000).
9. Part-time autistic therapy assistant at NUS Department of Psychology (1999).

HONORS AND AWARDS

1. National Institutes of Health, USA, Visiting Program, 2010.
2. Teaching Grant for Course on fMRI Data Analysis, Ministerio de Ciencia e Innovación, Spain, 2010.
3. Incomplete List of Teachers Listed as Excellent by their Students, University of Illinois, Urbana-Champaign, IL, Fall 2008.
4. Department Travel Grant, Psychology, University of Illinois, Urbana-Champaign, IL, Fall 2008.
5. Summer Institute in Cognitive Neuroscience, Travel Award, Dartmouth (2005).
6. Talent Development Program (1998-2002), National University of Singapore.

PUBLICATIONS

1. Goh, J. O. S. (2010). Functional dedifferentiation and altered connectivity in older adults: Neural accounts of cognitive aging. *Aging and Disease, 1*(2), Advanced Access published online August 2010, http://aginganddisease.org/A&D-Joshua%20Goh.pdf.
2. Goh, J. O. S, Leshikar, E., Sutton, B. P., Tan, J. C., Sam, S., Hebrank, A., & Park, D. (2010). Culture differences in neural processing of faces and houses in ventral visual cortex. *Social, Cognitive and Affective Neuroscience, 5*(2-3), 227-235.
3. Suzuki, A., Goh, J. O. S., Hebrank, A., Sutton, B., Jenkins, L., Flicker, B., & Park, D. C. (in press). Sustained happiness? Lack of repetition suppression in right ventral visual cortex for happy faces. *Social, Cognitive and Affective Neuroscience.*
4. Chee, M., Zheng, H., Goh, J., & Park, D. (in press). Brain structure in young and old East Asians and Westerners: Comparisons of structural volume and cortical thickness. *Journal of Cognitive Neuroscience*.
5. Goh, J. O. S., Suzuki, A., & Park, D. C. (2010). Reduced neural selectivity increases fMRI adaptation with age during face discrimination. *NeuroImage, 51*(1), 336-344.
6. Jenkins, L. J., Yang, Y. J., Goh, J., Hong, Y. Y., Park, D. C. (2010). Cultural differences in the lateral occipital complex while viewing incongruent scenes. *Social, Cognitive and Affective, Neuroscience*, Advanced Access published online January 18, 2010, doi:10.1093/scan/nsp056.
7. Goh, J. O. S., Tan, J. C., Park, D. C. (2009). Culture modulates eye-movements to visual novelty. *Public Library of Science ONE, 4*(12), e8238.
8. Goh, J. O., Park, D. C. (2009). Culture sculpts the perceptual brain. *Progress in Brain Research, 178*, 95-111.
9. Goh, J., Park, D. C. (2009). Neuroplasticity and cognitive aging: The scaffolding theory of aging and cognition. *Restorative Neurology and Neuroscience, 27*, 391-403.
10. Park, D. C., & Goh, J. O. S. (2009). Successful aging. In J. Cacioppo & G. Berntson (Eds.), Handbook of Neuroscience for the Behavioral Sciences (pp. 1203-1219). Hoboken, NJ: John Wiley & Sons.
11. Sutton, B., Goh, J., Hebrank, A., Welsh, R. C., Chee, M. W. L., Park, D., (2008). Investigation and validation of intersite fMRI studies using the same imaging hardware. *Journal of Magnetic Resonance Imaging*, 28(1), 21-28.
12. Gutchess, A., Hebrank, A., Sutton, B., Leshikar, E., Chee, M. W. L., Tan, J. C., Goh, J.,

Park, D., (2007). Contextual Interference in Recognition Memory with Age. *NeuroImage*, 35(3), 1338-1347.

13. Goh, J., Chee, M. W. L., Tan, J. C., Venkatraman, V., Hebrank, A., Leshikar, E., Jenkins, L., Sutton. B., Gutchess, A., Park, D., (2007). Age and Culture Modulate Object Processing and Object-Scene Binding in the Ventral Visual Area. *Cognitive, Affective and Behavioral Neuroscience*, 7(1), 44-52.
14. Chee, M. W. L., Goh, J., Venkatraman, V., Tan, J. C., Gutchess, A., Sutton, B., Hebrank, A., Leshikar, E., Park, D., (2006). Age-Related Changes in Object Processing and Contextual Binding Revealed using fMR Adaptation. *Journal of Cognitive Neuroscience*, 18(4), 495-507.
15. Goh, J., Soon, C. S., Park, D., Gutchess, A., Hebrank, A., Chee, M. W. L., (2004). Cortical Areas Involved in Object, Background and Object-Background Processing Revealed with fMR-A. *Journal of Neuroscience*, 24(45), 10223-10228.
16. Chee, M. W. L., Goh, J., Lim, Y., Graham, S., Lee, K., (2004). Recognition Memory For Studied Words Is Determined by Cortical Activation Differences at Encoding But Not During Retrieval. *NeuroImage*, 22, 1456-1465.
17. Chee, M. W. L., Westphal, C., Goh, J., Graham, S., Song, A. W., (2003). Word frequency and subsequent memory effects studied using event-related fMRI. *NeuroImage*, 20(2), 1042-1051
18. Chee, M. W. L., Hon, N. H. H., Caplan, D., Lee, H. L.,Goh, J., (2002). Frequency of Concrete Words Modulates Prefrontal Activation during Semantic Judgments. *NeuroImage*, 16(1), 259-268.

ABSTRACTS

1. Goh, J. O., Yu, G., Sutton, B., Park, D. (2010). Aging reduces ventral visual diffusivity: Effects on face discrimination and fMRI adaptation. [291]. Presented at Human Brain Mapping Conferences, Barcelona, Spain.
2. Goh, J. O., Suzuki, A., Park, D. (2010). Aging reduces attentional modulation on selectivity in fusiform face area. [Session 1, 11]. Presented at the Cognitive Aging Conference, Atlanta, GA, USA.
3. Leshikar, E. D., Goh, J. O., Hebrank, A. C., Jenkins, L. J., Chee, M. W., Park, D. (2009). Frontal compensation for default network suppression deficits in older adults during scene encoding. [17.3]. Presented at the Society for Neuroscience Annual Meeting, Chicago, IL, USA.
4. Goh, J., Suzuki, A., Park, D. (2009). Attending to face-pair similarity decreases face adaptation in the fusiform area. [43.445]. Presented at the Vision Science Society Annual Meeting, Naples, FL, USA.
5. Goh, J., Suzuki, A., Park, D., (2009). Aging reduces neural selectivity and increases face adaptation. [G94]. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, USA.
6. Jenkins, L., Yang, Y., Goh, J., Hong, Y., Park, D., (2008). Cultural differences in the processing of incongruous scenes revealed using fMR adaptation. [B21]. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, USA.
7. Suzuki, A., Goh, J., Sutton, B., Hebank, A., Jenkins, L., Flicker, B., Park, D., (2008).

Emotional faces produced less repetition suppression than neutral faces. [E19]. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, USA.

8. Goh. J., Leshikar, E., Hebrank, A., Flicker, B., Sutton, B., Wang, W., Jenkins, L., Tan, J., Chen, K., Chee, M., Park, D., (2008). Age and culture modulate neural selectivity in the ventral visual area during face and place viewing. [Slide 218]. Presented at the Society for Neuroscience Annual Meeting, Washington, D. C., USA.
9. Leshiker, E. D., Hebrank, A. C., Jenkins, L. J., Goh, J. O., Chee, M. W. L., Park, D., (2008). Episodic memory success is tied to parametric modulation of the default network in younger but not older adults. [Slide 815]. Presented at the Society for Neuroscience Annual Meeting, Washington, D. C., USA.
10. Goh, J., Chee, M. W. L., Tan, J. C., Park, D., (2007). Aging and cultural differences in eye-movements during complex picture viewing. [D7]. Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY, USA.
11. Goh, J., Chee, M. W. L., Tan, J. C., Venkatraman, V., Leshikar, E., Hebrank, A., Jenkins, L., Sutton, B., Park, D., (2006). Aging and culture modulate fMR-Adaptation in the ventral visual area. Abstract No. 359. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, USA. Available online at http://www.cogneurosociety.org/content/CNS2006_Abstracts.xls
12. Gutchess, A., Hebrank, A., Sutton, B., Leshikar, E., Chee, M. W. L., Tan, J. C., Goh, J., Park, D., (2005). Prefrontal compensation with age for contextual interference. Program No. 127.8. *2005 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience. Online.
13. Chee, M. W. L, Goh, J., Tan, J. C., Gutchess, A., Sutton, B., Hebrank, A., Leshikar, E., Park, D., (2005). FMR adaptation shows that age and culture modulate visual processing of complex pictures. Program No. 127.4. *2005 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience. Online.
14. Chee, M. W. L., Goh, J., Lim, Y., Graham, S.**, (**2003). Event-related fMRI of incidental encoding of episodic retrieval of high and low frequency words. [17649]. Presented at the 9th International Conference on Functional Mapping of the Human Brain, June 18-22, New York, NY, USA. Available on CD-Rom in NeuroImage, Vol. 19, No. 2
15. Chee, M. W. L., Goh, J., Lim, Y., Graham, S., (2003). Neural correlates of the effect of word frequency at encoding and retrieval. Program No. 288.15. *2003 Abstract Viewer/Itinerary Planner.* Washington, DC: Society for Neuroscience. Online.
16. Chee, M. W. L., Soon, C. S., Westphal, C., Lee, H., Goh, J., (2002). Printed word frequency effects on semantic judgment: a comparison between event-related and block designs. [10110]. Presented at the 8th International Conference on Functional Mapping of the Human Brain, June 2-6, Sendai, Japan. Available on CD-Rom in NeuroImage, Vol. 16, No. 2

KEY TALKS

1. Culture Modulates Default Network Function During Default Network Processing. Presented at Social Affective Neuroscience Conference, 31 October 2010, Chicago, IL.
2. Aging and Ventral-Visual Dedifferentiation. Invited talk presented at Northwestern University, October 2009.

3. Cultural Differences in Ventral-Visual Selectivity. Invited talk presented at Northwestern University, October 2009.
4. Aging and Ventral-Visual Dedifferentiation. Invited talk presented at the University of Texas at Dallas, October 2009.
5. Cross-Cultural Perspectives on Perception. Invited talk presented at the Osher Lifelong Learning Institute, Spring 2009 course on Cognition and Personality Across the Lifespan: Only as Old as You Think You Are, University of Illinois, Urbana-Champaign, IL.
6. Aging, Culture, and Ventral Visual Selectivity. Presented at the 2008 Society for Neuroscience Annual Meeting, Washington, DC.
7. Age and Culture Modulate the Ventral Visual Area. Presented at the Advanced Sensory Developmental Neuroscience Seminar, 2008, 17th March, University of Illinois, Urbana-Champaign, IL.
8. Aging in Different Cultural Environments: Visual Brain Activity and Eye-Movements. Presented at the Beckman Graduate Student Seminar 2008, March 26th, University of Illinois, Urbana-Champaign, IL.
9. Age Differences in Activations of a Frontal-Parietal Network Associated with Categorical and Coordinate Judgments. Presented at the 2007 Regional Symposium on MRI, University of Michigan, Ann Arbor, MI.
10. Word Frequency and Subsequent memory Studied Using Event-Related fMRI. Presented at the Annual Scientific Meeting, 2003, Singapore General Hospital.

AD-HOC REVIEWER

1. Progress in Brain Research
2. Social Cognitive and Affective Neuroscience
3. Sleep
4. European Journal of Neuroscience
5. Public Library of Science ONE

TEACHING EXPERIENCE

1. fMRI Analysis, Universidad Nacional de Educación a Distancia, Madrid, Spain, Summer 2010.
2. Brain and Cognition Division graduate students training on brain imaging analysis, University of Illinois, Urbana-Champaign, IL, Fall 2009.
3. Psychological and Educational Statistics, Teaching Assistant, University of Illinois, Urbana-Champaign, IL, Fall 2008.
4. Lab training on functional brain imaging analysis, University of Illinois, Urbana-Champaign, IL, 2007.
5. Lab training on functional brain imaging analysis, Cognitive Neuroscience Laboratory, Singapore, 2005.

MENTORSHIP

1. Jenny Rieck, graduate student, University of Texas at Dallas.
2. Mitch Meltzer, graduate student, University of Texas at Dallas.
3. Gerard Bischof, graduate student, University of Texas at Dallas.

UNPUBLISHED WORK

1. Morphed Faces. Joshua Goh. Stimuli collection, *PAL Stimuli Database*. Available at http://vitallongevity.utdallas.edu/stimuli/facedb/categories/morphed-faces-by-josh-goh.html, sourced 12th March 2010.
2. Object-Scenes. Joshua Goh. Stimuli collection, *PAL Stimuli Database*. Available at http://vitallongevity.utdallas.edu/stimuli/object-and-background-scene-stimuli.html, sourced 12th March 2010.
3. Individual differences in interrogative suggestibility: finding an ERP correlate of recognition memory. Joshua Goh. Thesis in fulfillment of Honour's degree at the National University of Singapore, Singapore, 2002.

MEMBERSHIP IN SOCIETIES

1. Human Brain Mapping
2. Society for Neuroscience
3. Cognitive Neuroscience Society
4. Singapore Psychological Society
5. Vision Science Society (2009)
6. Psychonomics Society (2009)
7. Summer Institute in Cognitive Neuroscience, Dartmouth (2005)
8. Photographic Society (1998-2002), National University of Singapore Human Brain Mapping

MILITARY SERVICE

1. National Service (1996 – 1998)

PRESS COVERAGE

1. Culture May Make and Impression. The DANA Foundation, Nicky Penttila, Released 4th June 2007. Available at http://www.dana.org/news/features/detail.aspx?id=8008, sourced on 4th April 2009.
2. Culture Sculpts Neural Responses to Visual Stimuli, New Research Indicates. News Bureau, University of Illinois at Urbana-Champaign, Released 1st May 2007. Available at http://news.illinois.edu/news/07/0501culture.html, sourced on 4th April 2009.